

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Applicants: **Calle et al**

Examiner: Not Assigned

Serial No.: **10/026,352**

Art Unit: **2185**

Filed: **12/21/2001**

For: **Multi-Bank Scheduling To Improve  
Performance On Tree Accesses In  
A Dram Based Random Access  
Memory Subsystem**

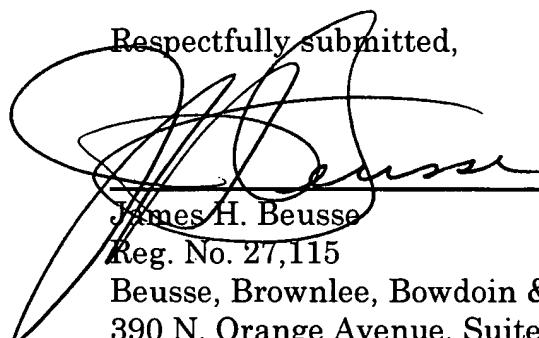
BOX MISSING PARTS  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION  
FILING DATE GRANTED**

In response to the Notice To File Missing Parts Of Application, Filing Date Granted, dated as mailed January 28, 2002 and having a period of response to and including March 28, 2002, enclosed are the following items required for filing in the above-referenced U.S. Patent Application:

1. Formalities Letter (Confirmation No. 8092)
2. Check No. 3588 in the amount of \$910.00 for the filing fee of \$740; assignment recordation fee of \$40; and the surcharge of \$130
3. Declaration and Power of Attorney (3 pages)
4. Recordation Form Cover Sheet and Assignment (3 sheets)

Respectfully submitted,



James H. Beusse

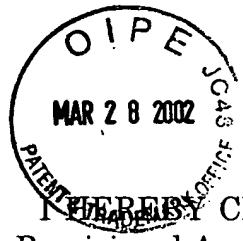
Reg. No. 27,115

Beusse, Brownlee, Bowdoin & Wolter, P.A.

390 N. Orange Avenue, Suite 2500

Orlando, FL 32801

Phone: (407) 926-7701



CERTIFICATE OF MAILING

I HEREBY CERTIFY that this Response To Notice to File Missing Parts of Non-Provisional Application Filing Date Granted is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box Missing Parts, Washington, D.C. 20231 on this 20<sup>th</sup> day of March, 2002.

Bonnie A. Brennan  
Bonnie A. Brennan

MAR 28 2002

JC48

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 910.00)

## Complete if Known

|                      |                |
|----------------------|----------------|
| Application Number   | 10/026,352     |
| Filing Date          | 12/21/2001     |
| First Named Inventor | Mauricio Calle |
| Examiner Name        | Not Assigned   |
| Group Art Unit       | 2185           |
| Attorney Docket No.  | Calle 14-2/064 |

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

|                        |  |
|------------------------|--|
| Deposit Account Number |  |
| Deposit Account Name   |  |

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity  | Small Entity  | Fee Description        | Fee Paid |
|---------------|---------------|------------------------|----------|
| Fee Code (\$) | Fee Code (\$) |                        |          |
| 101 740       | 201 370       | Utility filing fee     | 740.00   |
| 106 330       | 206 165       | Design filing fee      |          |
| 107 510       | 207 255       | Plant filing fee       |          |
| 108 740       | 208 370       | Reissue filing fee     |          |
| 114 160       | 214 80        | Provisional filing fee |          |

SUBTOTAL (1) (\$ 740.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Large Entity       | Small Entity  | Fee from below | Fee Paid |
|--------------------|---------------|----------------|----------|
| Fee Code (\$)      | Fee Code (\$) |                |          |
| Total Claims       |               | -20** =        | X =      |
| Independent Claims |               | -3** =         | X =      |
| Multiple Dependent |               |                | =        |

| Large Entity  | Small Entity  | Fee Description  |
|---------------|---------------|--|
| Fee Code (\$) | Fee Code (\$) |  |
| 103 18        | 203 9         | Claims in excess of 20                                     |
| 102 84        | 202 42        | Independent claims in excess of 3                          |
| 104 280       | 204 140       | Multiple dependent claim, if not paid                      |
| 109 84        | 209 42        | ** Reissue independent claims over original patent         |
| 110 18        | 210 9         | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ -0-)

## 3. ADDITIONAL FEES

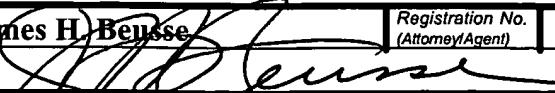
Large Entity Small Entity

| Fee Code (\$)       | Fee Code (\$) | Fee Description  | Fee Paid |
|---------------------|---------------|--|----------|
| 105 130             | 205 65        | Surcharge - late filing fee or oath  | 130.00   |
| 127 50              | 227 25        | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130             | 139 130       | Non-English specification  |          |
| 147 2,520           | 147 2,520     | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112 920*            | 112 920*      | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*          | 113 1,840*    | Requesting publication of SIR after Examiner action                        |          |
| 115 110             | 215 55        | Extension for reply within first month                                     |          |
| 116 400             | 216 200       | Extension for reply within second month                                    |          |
| 117 920             | 217 460       | Extension for reply within third month                                     |          |
| 118 1,440           | 218 720       | Extension for reply within fourth month                                    |          |
| 128 1,960           | 228 980       | Extension for reply within fifth month                                     |          |
| 119 320             | 219 160       | Notice of Appeal   |          |
| 120 320             | 220 160       | Filing a brief in support of an appeal                                     |          |
| 121 280             | 221 140       | Request for oral hearing   |          |
| 138 1,510           | 138 1,510     | Petition to institute a public use proceeding                              |          |
| 140 110             | 240 55        | Petition to revive - unavoidable   |          |
| 141 1,280           | 241 640       | Petition to revive - unintentional   |          |
| 142 1,280           | 242 640       | Utility issue fee (or reissue)   |          |
| 143 460             | 243 230       | Design issue fee   |          |
| 144 620             | 244 310       | Plant issue fee  |          |
| 122 130             | 122 130       | Petitions to the Commissioner  |          |
| 123 50              | 123 50        | Processing fee under 37 CFR 1.17(q)  |          |
| 126 180             | 126 180       | Submission of Information Disclosure Stmt                                  |          |
| 581 40              | 581 40        | Recording each patent assignment per property (times number of properties) |          |
| 146 740             | 246 370       | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 740             | 249 370       | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 740             | 279 370       | Request for Continued Examination (RCE)                                    |          |
| 169 900             | 169 900       | Request for expedited examination of a design application                  |          |
| Other fee (specify) |               |  |          |

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 170.00)

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                   |        |           |              |
|-------------------|---|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | James H. Beusse   | Registration No. (Attorney/Agent) | 27,115 | Telephone | 407-926-7701 |
| Signature         |  |                                   |        | Date      | 3/19/2002    |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(B)



## UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 28 2002

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COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

| APPLICATION NUMBER | FILING RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/026,352         | 12/21/2001          | Mauricio Calle        | Calle 6-2/064          |

29391  
 BEUSSE, BROWNLEE, BOWDOIN & WOLTER, P. A.  
 390 NORTH ORANGE AVENUE  
 SUITE 2500  
 ORLANDO, FL 32801

CONFIRMATION NO. 8092

## FORMALITIES LETTER



\*OC00000007369921\*

Date Mailed: 01/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 870.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/29/2002 MM02711 000000030 10026352  
 01 FC:101  
 02 FC:105

740.00  
130.00



Please type a plus sign (+) inside this box →

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

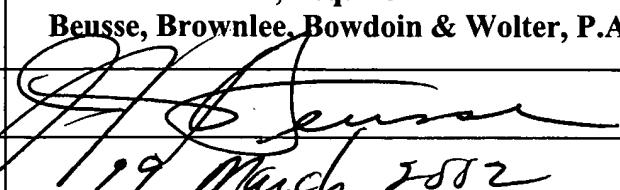
(to be used for all correspondence after initial filing)

|  |  |                        |                   |
|--|--|------------------------|-------------------|
|  |  | Application Number     | 10/026,352        |
|  |  | Filing Date            | December 21, 2001 |
|  |  | First Named Inventor   | Mauricio Calle    |
|  |  | Group Art Unit         | 2185              |
|  |  | Examiner Name          | Not Assigned      |
| Total Number of Pages in This Submission |  | Attorney Docket Number | Calle 14-2/064    |

### ENCLOSURES (check all that apply)

|   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                | <input checked="" type="checkbox"/> Assignment Papers (for an Application)              | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input checked="" type="checkbox"/> Fee Attached  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment / Reply  | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                      | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                                    | <input type="checkbox"/> Terminal Disclaimer  | 1) Post Card   |
| <input type="checkbox"/> Information Disclosure Statement                               | <input type="checkbox"/> Request for Refund   | 2) Response To Notice To File Missing Parts  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                         | <input type="checkbox"/> CD, Number of CD(s) _____                                      | 3) Formalities Letter (8092)   |
| <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Remarks  | 4) Declaration and Power of Attorney   |
| <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |  |
|-------------------------|--|
| Firm or Individual name | James H. Beusse, Esquire<br>Beusse, Brownlee, Bowdoin & Wolter, P.A.                 |
| Signature               |  |
| Date                    | 19 March 2002  |

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: **3/20/2002**

|                       |   |      |           |
|-----------------------|---|------|-----------|
| Typed or printed name | Bonnie A. Brennan   |      |           |
| Signature             |  | Date | 3/20/2002 |

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